

Supplemental Data

Table 1s. Adjusted 3-Year Cumulative Incidences of TRM, Relapse, and 3-Year Probabilities of DFS and Survival in Adult Patients with Primary MDS who Underwent HLA-Identical Sibling (MRD) HCT or 8/8 or 7/8 Matched Unrelated Donor (MUD) HCT from 2002-2006.

	MRD Probability (95% CI)	8/8 MUD Probability (95% CI)	7/8 MUD Probability (95% CI)	8/8 MUD vs. MRD P value‡	7/8 MUD vs. MRD P value‡	7/8 MUD vs. 8/8 MUD P value‡
TRM	29 (21-37)	43 (38-48)	43 (32-53)	0.004	0.03	0.96
Relapse	31 (23-39)	22 (18-27)	23 (15-33)	0.056	0.20	0.79
DFS	41 (33-50)	35 (30-40)	32 (23-42)	0.20	0.15	0.58
Survival	50 (41-58)	38 (33-43)	35 (25-44)	0.01	0.02	0.57

‡Pointwise pairwise comparison

Table 2s. Causes of death in adult MDS patients who underwent HLA-identical sibling (MRD) HCT or 8/8 or 7/8 matched unrelated donor (MUD) HCT

	MRD	8/8 MUD	7/8 MUD
Missing	1 (<1)	2 (<1)	1 (1)
Graft Rejection	1 (<1)	8 (3)	4 (5)
Infection	14 (13)	42 (17)	13 (16)
Interstitial pneumonitis	6 (6)	10 (4)	4 (5)
ARDS	1 (<1)	5 (2)	2 (2)
GVHD	22 (21)	42 (17)	14 (17)
Primary disease	38 (35)	72 (28)	23 (28)
Organ failure	10 (9)	28 (11)	12 (15)
Secondary malignancy	0	1 (<1)	0
Hemorrhage	6 (6)	8 (3)	0
Accidental death	0	1 (<1)	0
Vascular	0	1 (<1)	0
Toxicity	0	16 (6)	3 (4)
Other cause	8 (7)	17 (7)	6 (7)
Total	107	253	82

Unless otherwise indicated, all values are no. (%). ARDS- acute respiratory distress syndrome.